Yao Wan

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RESEARCH INTERESTS

Data mining, machine learning, text generation, quenstion and answering, dialog generation and management, reinforcement learning, recommender system.

EDUCATION

Zhejiang University, Hangzhou, China

Ph.D., Computer Science, *Expected:* Summer 2019
- Thesis Topic: *Deep Reinforcement Learning based Text Generation with Applications*
- Advisors: Jian Wu, Ph.D

Northeastern University, Shenyang, China

B.S., Software Engineering, July 2014

RESEARCH EXPERIENCE

Student Intern   Jan. 2018 to present
Department of Computer Science, University of Illinois at Chicago
Supervisor: Philip S. Yu, Ph.D

Student Intern   Jul. 2016 to Jan. 2017
School of Software & Advanced Analytics Institute,
University of Technology, Sydney
Supervisors: Guandong Xu, Ph.D

Student Intern   Mar. 2014 to Sep. 2014
Shenzhen Research Institute, The Chinese University of Hong Kong
Supervisors: Zibin Zheng, Ph.D

REFEREED JOURNAL PUBLICATIONS

1. **Yao Wan**, Liang Chen, Guandong Xu, Zhou Zhao, Jie Tang, and Jian Wu. "SCSMiner: mining social coding sites for software developer recommendation with relevance propagation." World Wide Web (2018): 1-21.

REFEREED CONFERENCE PUBLICATIONS

1. **Yao Wan**, Zhou Zhao, Min Yang, Guandong Xu, Haochao Ying, Jian Wu and Philip S. Yu. "Improving Automatic Source Code Summarization via Deep Reinforcement Learning." In IEEE/ACM International Conference on Automated Software Engineering, pp. 499-510. Springer, Montpellier, 2018.

2. Yuqiang Han, **Yao Wan**, Liang Chen, Guandong Xu, and Jian Wu. "Exploiting Geographical Location for Team Formation in Social Coding Sites." In Pacific-Asia Conference on Knowledge Discovery and Data Mining, pp. 499-510. Springer, Cham, 2017.

3. **Yao Wan**, Liang Chen, Qi Yu, Tingting Liang, Jian Wu. "Incorporating Heterogeneous Information for Mashup Discovery with Consistent Regularization", The 20th Pacific Asia Conference on Knowledge Discovery and Data Mining, Auckland, New Zealand, 2016.

4. **Yao Wan**, Liang Chen, Jian Wu and Qi Yu, "Time-aware API Popularity Prediction via Heterogeneous Features", The 22nd International Conference on Web Services, Application Track, New York, USA, 2015.

SUBMITTED
PUBLICATIONS

1. **Yao Wan**, Zhou Zhao, Guandong Xu, Jian Wu and Philip S. Yu. "Hin2Text: Automatic Title Generation from Heterogeneous Information Networks with Hierarchical Attention" 2019. Submitted to *EMNLP*.

2. **Yao Wan**, Guandong Xu, Liang Chen, Zhou Zhao and Jian Wu. "Exploiting Cross-source Knowledge for Warming up Community Question Answering Services" 2018. Submitted to *Neurocomputing*.

AWARDS

Student Awards — Zhejiang University
- Outstanding Student   2014 - 2018
- Outstanding Student of CCNT Lab   Jan. 2015

Student Awards — Northeastern University
- MCM Honorable Mention   Mar. 2012
- MCM Honorable Mention   Mar. 2012
- National Motivational Scholarships   2010 - 2012

SKILLS

Programming Language: Python, Java, C++, PHP, SQL, HTML, CSS, Javascript.
Framework: PyTorch, Torch, Tensorflow, Scrapy, Django.
Language: Mandarin (mother tongue), English (CET6, good reading and writing).
Others: Vi/Vim, Git, Mysql, LaTeXand Office.

SERVICE

[**Journal Reviewer**] World Wide Web Journal (WWWJ2016, WWW2017)

INTERESTS

Basketball, calligraphy and photography.

REFERENCES

Jian Wu
Professor in College of Computer Science
Zhejiang University   E-mail: wujian2000@zju.edu.cn

Guandong Xu
Associate professor   http://sites.google.com/site/gdxuau/
University of Technology, Sydney   E-mail: guandong.xu@uts.edu.au

Zhou Zhao
Associate professor in College of Computer Science   http://www.zhaozhou.tech/
Zhejiang University   E-mail: zhaozhou@zju.edu.cn

Philip S. Yu
Professor   https://www.cs.uic.edu/PSYu/
University of Illinois at Chicago   E-mail: psyu@uic.edu